

Orfapol plus transparent®

Solvent based aliphatic polyurethane paint (A+B)

Product based on aliphatic polyurethane resins (solvent base).



Product

- Good wear resistance
- No yellow
- Excellent resistance to UV rays
- Indoor and outdoor
- Painting of concrete pavements

Applications

- Painting of concrete pavements.
- Finishing for resin coatings.
- Anticorrosive treatment for structures in concrete and steel.
- Anti-dust impregnation of concrete constructions and their derivatives.
- Painting of workshops and battery depots
- Indoors and outdoors

Performances (25°C)

- Humidity in the support: 0%
- Viscosity: 30-40 Mp (spindle 1, rpm 100)
- Specific weight: 0.95 ± 1.00 g / ml
- Point of inflammation: >100°C
- Residue: 51% by weight
- Maximum relative humidity: 50%

**These results are from standard tests and may vary depending on the conditions of commissioning.*

Technical data

• Packaging	Pack (A+B): 10 kg
• Application temperature	10 - 30°C and HR <60%
• Consumption	0,1 – 0,15 kg/m² (1 pass)
• Color	Transparent
• Dosage (A+B+C)	Weight and volume: A=79 – B=21
• Pot life (50% HR)	7°C: >6 hs 25°C: >3hs 35°C: >2hs
• Dry to the touch (50% HR)	7°C: 24-28hs 25°C: 8-10hs 35°C: 3,5-5,5 hs
• Repainting (50% H.R.)	12-36 hs (25°C)
• Maintenance and cleaning	With neutral detergents
• Preservation	In original closed container (5-35°C), protected from weather and humidity: 1 year. *Component B, sensitive to humidity.

Application

- Join the 2 components **(A+B)** and mix with low-speed mixer
- drill for 1 minute.
- Apply the mixture with roller or brush, approximate consumption: 0,01 – 0,15 kg / m2.
- To obtain a rough and non-slip surface, at the time of preparation of the 2 components, add between 5-10% quartz
- and 3-5% glass microspheres.
- In the case of coatings in continuous contact with acids, it will be necessary to over catalyze the system with a 30% increase in part **B** compared to standard dosages

Support preparation

- Concrete bottoms should be solid, dry, level, absorbent, non-contaminated with oils, detergents, powders, or other substances.
- On substrates with possibility of humidity by capillary lift, apply **Ecopox-cem plus 3C** (osmotic barrier).
- The type of mechanical preparation most convenient to apply (abrasive or sanding) should be evaluated.
- Existing voids and minor anomalies can be repaired with **Pavirapid** or **Pavex-2C mortar**.
- Slab pavements must be sanded or roughened until a completely opaque surface is obtained that must be treated with a primer of **Polyurethane Primer**.
- Resin coatings should be sanded vigorously, and dust residue should be removed.
- Metal surfaces must be mechanically cleaned and treated with a type of background: **Anti-Corrosive Primer**.

As finishing of resin coatings, it is necessary to proceed to the application verifying the coating time of the previously applied product.

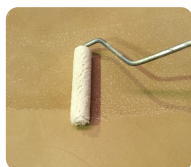
Orfapol plus transparent®

Solvent based aliphatic polyurethane paint (A+B)

Usage way



Mix the components **A + B** with a whisk at low revolutions for at least 1 minute, until a perfect homogenization is achieved.



The application can be made with airless, brush, roller...

Between layers, at least a minimum of 4 hours and a maximum of 24 hours must pass. If this maximum is exceeded, a preliminary sanding of the surface will be carried out.

**If a light surface veil appears after drying, clean the surface with soap and water.*

Associated products

- *Ecopox CEM plus 3C
- *Pavirapid
- *Pavex-2C mortar
- *Microspheres
- *Quartz



Packaging

Pack (A+B): 10 kg

Color

Transparent

Consumption

0,1 – 0,15 kg/m² (1 pass)

Conservation

In closed original container (5-35 ° C), sheltered from the weather and humidity: 1 year

*Component B, sensitive to air humidity

⚠ IMPORTANT

The observations and prescriptions of this data sheet, although corresponding to our best experience, should be considered, in any case, purely indicative, and should be tested by exhaustive practical applications; therefore, before using the product, the user must establish whether or not it is suitable for the intended use, and assumes all liability that may arise from its use. Once the product has been handled or applied, the manufacturer shall not assume any claim whatsoever, nor any liability as to the manner, mode and conditions of application.